

(1) Number of pages 12

(2) Date of repair 8. 3. 11

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public works **DEPARTMENT.**

G.O. No. 361	Press ~~Mis.~~
697-98	
Dated 28. 1	1870.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
28th January 1870.*

No. 697. Read the following letter from the Superintending Engineer, 3rd Division, to the Secretary to Government, Public Works Department, dated Camp at Cuddapah, 20th December 1869, No. 2,808:—

I HAVE the honour to submit, for the sanction of Government, the accompanying Comparative Statement for the Pattacottacheroo tank, for which an estimate, amounting to Rupees 4,800, was sanctioned in G. O., No. 1,623 of 22nd May 1868.

2. The excess is Rupees 410-3-0 or about 8 per cent., the cause being clearly explained in the column of remarks, and being attributable chiefly to the item of baling for which no provision had been made, and having to give an extra foot in the foundation of the sluice.

Proceedings of the Madras Government, Public Works Department,
28th January 1870.

ORIGINAL ESTIMATE AS SANCTIONED BY GOVERNMENT.										WORK ACTUALLY PERFORMED.				WORK STILL TO BE PER- FORMED.				TOTAL AMOUNT OF COLUMNS.	COMPARISON BETWEEN COLUMNS.		REMARKS.
Quantity.	Description of Work.	Per	Rate.	Amount.	Quantity	Per	Rate.	Amount.	Quantity	Per	Rate.	Amount.	Quantity	Per	Rate.	Amount.	Increase.		Decrease.		
1	3	3	4	5	6	7	8	9	10	11	12	13	14	15	16						
4,109 1/2 c. ft.	Large Sluice in Breach.																			{ Excess caused by being obliged to give an extra foot in height of foundation, and much being of water.	
1,843 1/2 do.	Stone in channel	c. ft.	0 3 6	893 15 11	6,162	...	...	1,433 4 4	...	...	...	...	1,433 4 4	507 2 2	21 2 1	...	507 2 2	21 2 1	...		
54 1/2 do.	Brick in do.	"	0 5 0	576 0 1	1,598	...	...	507 2 2	...	...	...	...	507 2 2	55 0 0	0 7 0	...	55 0 0	0 7 0	...	{ On account of more plastering found necessary. Not necessary.	
1,658 1/2 Sqr.	Cut granite to sole of Tunnel	sqr.	3 8 0	59 6 11	20	...	...	71 8 0	...	...	...	...	71 8 0	71 8 0	12 1 1	...	71 8 0	12 1 1	...		
10 1/2 c. ft.	Concrete	c. ft.	0 4 0	2 8 6	10	...	...	80 0 0	...	...	...	...	80 0 0	80 0 0	50 0 0	...	80 0 0	50 0 0	...	{ Included with slabs. Must have been over-estimated.	
1 1/2 do.	Perforated granite slabs	each	0 0 0	8 0 0	10	...	...	15 13 0	...	...	...	...	15 13 0	15 13 0	2 11 11	...	15 13 0	2 11 11	...		
1 do.	Shutter	"	0 0 0	8 0 0	10	...	...	22 8 4	...	...	...	...	22 8 4	22 8 4	7 9 0	...	22 8 4	7 9 0	...	{ Slabs of old sluice used. Included in the building materials.	
4 do.	Vertical slabs	"	0 0 0	8 0 0	10	...	...	15 13 0	...	...	...	...	15 13 0	15 13 0	1 8 0	...	15 13 0	1 8 0	...		
79 1/2 c. yds.	Plugs with chain	"	25 0 0	100 0 0	4	...	...	22 8 4	...	...	...	...	22 8 4	22 8 4	2 11 11	...	22 8 4	2 11 11	...	{ Filling a cut opened for a sluice.	
30 1/2 Sqr.	Excavation	c. yd.	0 4 0	19 13 6	63	...	...	18 13 6	...	...	...	...	18 13 6	18 13 6	15 13 6	...	18 13 6	15 13 6	...		
3 do.	Slabs for rear elstern floor	each	0 4 0	7 9 0	10	...	...	18 13 6	...	...	...	...	18 13 6	18 13 6	15 13 6	...	18 13 6	15 13 6	...	{ By clearing out and filling in pit filled with silt at time of estimating, afterwards cleared out.	
3 do.	Slabs over openings	"	0 8 0	1 8 0	10	...	...	18 13 6	...	...	...	...	18 13 6	18 13 6	15 13 6	...	18 13 6	15 13 6	...		
3 do.	North Sluice.	"	0 0 0	0 0 0	10	...	...	18 13 6	...	...	...	...	18 13 6	18 13 6	15 13 6	...	18 13 6	15 13 6	...	{ Included with earthwork. On account of extra depth, same as earthwork.	
3 do.	Earth	"	0 0 0	0 0 0	10	...	...	18 13 6	...	...	...	...	18 13 6	18 13 6	15 13 6	...	18 13 6	15 13 6	...		
3,119 1/2 c. yds.	Filling Breach.	c. yd.	0 4 0	1,279 13 8	5,585	...	...	1,121 10 6	...	...	...	...	1,121 10 6	1,121 10 6	158 3 2	...	1,121 10 6	158 3 2	...	{ On account of extra depth, same as earthwork. Washed away and portion re-constructed.	
5,119 1/2 do.	Earth	"	0 0 6	159 15 7	5,457	...	...	316 9 0	...	...	...	...	316 9 0	316 9 0	58 9 5	...	316 9 0	58 9 5	...		
80 do.	Tamping	"	0 8 0	40 0 0	10	...	...	403 3 8	...	...	...	...	403 3 8	403 3 8	51 3 8	...	403 3 8	51 3 8	...	{ Necessary, as ground was soft at rear of bund.	
80 do.	Gravel for top of bund.	"	0 0 6	3 8 0	10	...	...	403 3 8	...	...	...	...	403 3 8	403 3 8	51 3 8	...	403 3 8	51 3 8	...		
246 1/2 do.	Stone facing inner	"	1 8 0	370 0 0	407	...	...	1,063 14 2	...	...	...	...	1,063 14 2	1,063 14 2	63 14 2	...	1,063 14 2	63 14 2	...	{ Not allowed for in estimate.	
	Ring bund	"	0 0 0	1,000 0 0	10	...	...	15 0 0	...	...	...	...	15 0 0	15 0 0	4 0 0	...	15 0 0	4 0 0	...		
	Stone rear facing	"	0 0 0	0 0 0	10	...	...	4 0 0	...	...	...	...	4 0 0	4 0 0	4 0 0	...	4 0 0	4 0 0	...	{	
	Excavation foundation	"	0 0 0	0 0 0	10	...	...	61 5 9	...	...	...	...	61 5 9	61 5 9	61 5 9	...	61 5 9	61 5 9	...		
	Superintendence	"	0 0 0	183 5 11	10	...	...	30 6 8	...	...	...	...	30 6 8	30 6 8	158 15 3	...	30 6 8	158 15 3	...	{	
	Sundries	"	0 0 0	4,800 0 0	10	...	...	5,210 3 0	...	...	...	...	5,210 3 0	5,210 3 0	403 5 11	...	5,210 3 0	403 5 11	...		
																	410 3 0				

(Signed) J. GRAY,

(Signed) J. GRAY,
Assistant Engineer, in charge of No. 4 Range.

(Signed) A. S. MOBERLY, Lieut.-Colonel,
Superintending Engineer, 3rd Division.

GHOORY,
8th December 1869.

Proceedings of the Madras Government, Public Works Department,
28th January 1870.

No. 698. ORDER THEREON, 28th January 1870, No. 361.

IRRIGATION, No. 29.

UNDER the explanation furnished in the Comparative Statement submitted with this letter, the Government sanction the revised estimate of Rupees 5,210 for the restoration of the Pattacottacheroo tank in the Bellary District.

(True Extract.)

Colonel, R.E.,
Secretary to Government.

To the Superintending Engineer, 3rd Division.
" Controller of Public Works Accounts.
" Accountant-General.
" Chief Engineer for Irrigation.
" Revenue Department.

Ed. T. O'Connor.

50
11
Thru Feb 5407/69

The shaft Engineer
Holly Springs

26 The shaft Engineer
30 April

Letter 8 December 1869
Dec 11 —

Comprehensive State
ment of Affairs the
Hessie State. Called
for in shaft Engineer
Letter 28 29 30 of 1869
October 1869 —

Comparative Statement of Pathacothacherroo Tank.
 Called for in Suptg. Engineer's District No. 2146 of 16th October 1869.

Original Estimate, as Sanctioned by Government										Work actually performed				Work still to be performed				Comparison between Columns		Remarks
Quantity	Description of work	Per	Rate	Amount	Quantity	Per	Rate	Amount	Quantity	Per	Rate	Amount	Excess	Deficit						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16					
Large sluice in Breach																				
409 7/16	Left bank in Churnam	Cft.	36	898	15 1/2	6162 1/2	"	"	"	1033	4	4	"	1433	4 1/2	534 4 5/8	Excess caused by being obliged to give an extra foot in high of foundation and much baling of water.			
182 5/16	Left Bank in do	"	5	576	"	1598 1/4	"	"	"	597	2	2	"	597	2 2	21 2 2				
52 7/16	Left Cut Granite to Sole of Tunnel	"	1	54	9	55	Cft	1	"	55	"	"	"	55	"	7				
16 88 3/4	Plastering 2 Coat of Churnam	Sqr.	38	59	6 1/2	20	Sqr	"	"	71	8	"	"	71	8	12 1 1	Per account of more plastering found necessary			
10 7/16	Concrete	Cft.	4	"	286	"	"	"	"	"	"	"	"	"	"	286		Not necessary		
5	Refracted Granite Slabs	wt.	6	"	30	"	10	wt	8	"	80	"	"	80	"	50	Included with Slabs			
14	Shutter	"	6	"	6	"	"	"	"	"	"	"	"	"	"	6				
14	Vertical Slabs	"	2	"	8	"	"	"	"	"	"	"	"	"	"	8				
14	Plugs with Chain	"	25	"	100	"	"	"	"	15	13	"	"	15	13	8 3	Must have been over Estimated			
79 9/16	Excavation Foundation	Cyd.	4	"	19	12 1/2	65	Cyd	"	"	22	8 1/4	"	"	"	22		8 1/4		
130 7/16	Square slabs for rear Cistern floor	wt.	4	"	7	9	"	"	"	"	"	"	"	"	"	79	Slabs of Old sluice used			
13	Slabs over openings	"	8	"	1	8	"	"	"	"	"	"	"	"	"	18		Included in the building materials		
North sluice																				
Earthwork		"	"	"	"	127 1/2	Cyd	7	13 5	"	"	"	"	18 13 5	18 13 5	"	Filling a cut opened for a sluice			
Filling Breach																				
151 9/16	Cyds. Earth	Cyd.	4	"	1279	12 8	5335 1/2	Cyd	"	"	1121	10 6	"	"	"	1121	10 6	Big filling in pit filled with silt at time of cutting. Afterwards cleared out		
151 9/16	Cyds. Gravel	"	6	"	159	15 7	5157	"	"	"	218	9	"	"	"	218	9			
80	Cyds. Gravel for top of Bund	"	8	"	40	"	"	"	"	"	"	"	"	"	"	40	Included with Earthwork			
80	Cyds. Gravel	"	6	"	28	"	"	"	"	"	"	"	"	"	"	28	do			
216 7/16	Cyds. Stone facing inner	"	18	"	370	"	467 1/4	Cyd	"	"	402	8	"	"	"	402	8	Per account of extra depth same as Earthwork		
Ring Bund		"	"	"	1000	"	"	"	"	1062	14 2	"	"	"	"	1062	14 2			
Stone rear facing		"	"	"	"	45	Cyd	"	54	45	"	"	"	"	"	45	"	Washed away and portion reconstructed		
Excavation Foundation		"	"	"	"	40	"	10	Cyd	4	"	"	"	"	"	4	"		Necessary as frame was left at rear of Bund	
Superintendence		"	"	"	"	"	"	"	"	61	59	"	"	"	"	61	59	Not allowed for in Estimate		
Indries		"	"	"	"	183	5 1/2	"	"	30	68	"	"	"	"	30	68		do	
				4800					52103					52103			873	8 1/2		463
																	463			
																	4103			

Range Office W.H.
 Cooly 8th December 1869.

W. H. G. G.
 Supt. Engineer

J. H. G.
 Asst. Engineer
 In Ch. of W.H. Range

No. 2808 Superintending Engineer 30th Dec
Camp Fuddapali, Fuddapali District
From, 20th December 1869
To The Superintending Engineer
The Secretary to Government
P.W.D.

I have the honor to submit for
the sanction of Government the accompa-
nying Comparative Statement for the Pala-
-colha cheroo Tank for which an estimate
amounting to Rs. 4800 was sanctioned
in G. O. No 1623 of 22nd May 1868.
2. The excess is Rs 410-3-0 or about 8%
the cause being chiefly explained in the
column of Remarks & being attributable
chiefly to the item of buling for which no
provision had been made and having
to give an extra foot in the foundation of
the sluice.

I have the honor to be
Yours faithfully
W. H. B. 27th Dec 69
Superintending Engineer 30th Dec

1. 1869 kept
From 1869 to 1870
The Deputy Engineer
30/12/69

To
The Secretary B.G. Govt
B.W.D.

At 20th December 1869
Ad 31st — 1870

Int. ✓
No 2808

Submits for sanction
Comparative Statement
for the Patta Cotta Cheroo
Land in the Bellary Dist.
showing an area of Rs
100-3-

No 697

No 361. 28th June 1870

C. 8 June 1870 A. 82

Public Works Dept
No 361
Proceedings of the Madras Government
Under date the 28th June 1870

Read the following
From the Sup^y Engr 30th Dec 69 (Here enter 20th Dec 1869 No 2808)

Under the explanation
furnished in the
Comparative Statement
submitted with this
letter the Government
sanction the revised es-
timate of Rs 5,210
for the restoration of the
Patta Cotta Cheroo Land
in the Bellary District.

A. A.
W. S. G.

To
The S. Engr 30th Dec
C. 8 June 1870
A. 82

1870

1870

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1870

Handwritten notes in a cursive script, likely in a Native American language, located on the left margin of the document.

Cue 5407
Govt. of 1870
PUBLIC WORKS.

To
The Superintendent Engineer
3^d Division

Dated

Leed.

End.

G. O. 28 Jan 1870, No. 361

Nos. 697-698

Patla Cotta Chero Land River Est-
-ment of Rs 5250 for the restoration of
the Patla Cotta Chero Land in the
Bilay St., Samtina.

Additional handwritten notes in a cursive script, located on the left margin below the first set of notes.

2 Aug 1870 A. B.